



Emergency Services

Oil and Gas Consultations

Date: January 2019

Overview

Strathcona County Emergency Services (SCES) reviews all the proposed projects for compliance with Emergency Services [Bylaw](#), current Alberta Fire Code, Strathcona County Construction Standards and similar municipal planning documents, and other applicable regulations determined as per the scope of the project.

The [Alberta Energy Regulator \(AER\)](#) and [National Energy Board \(NEB\)](#) have regulations and directives for all licensees/operators to conduct consultations with different groups including municipalities for their proposed projects in all of the phases and are expected to have risk management plans such as comprehensive emergency response plans (ERP) in place.

Strathcona County Emergency Services (SCES) is the point of contact for discussion of risk management and emergency response planning to collaboratively protect people, property and environment.

SCES receives training for oil and gas incidents and practices joint exercises and drills with the local industry for emergency preparedness; however, it is the industrial company that is responsible for immediate and initial response.

SCES have the following general expectations regarding new projects:

- a. Industry will consult with SCES at the concept or design stage of the project prior to making application to the AER, NEB, or both (depending on the nature of the project) and later on consult for construction, operation and maintenance of the asset. SCES aims to work collaboratively with the company to understand the project for its location, site risks, risk mitigation strategies and emergency response capabilities.
- b. Following AER or NEB approval of the project, Industry will consult with SCES for construction, operation and maintenance planning of the assets, and to prepare the draft ERP content including points of contact and mutual aid expectations
- c. Submit the finalized ERP to SCES for comment, preferably in advance of commencement of the operations at the facility.
- d. As part of a public consultation program, industry will review their ERPs (in draft or finalized form as appropriate) with the local area residents/businesses to provide them with the assurance that they are prepared and have the public's safety as a priority.
- e. Company will have programs in place including education programs to aid in reducing potential risk hazards to address residual risks. There should be a system in place to respond to changes (e.g. Management of Change). Site personnel are expected to have necessary understanding of the work, adequately qualified and skilled to perform site activities.

General guidelines for applications are as follows:

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| 1. Please advise SCES through 9-1-1, at any time you are notifying the public of a Level 1, 2 or 3 emergencies. | All oil & gas proposed projects. |
| 2. Please ensure your crews can provide exact location and site access instructions to 9-1-1 should | All oil and gas proposed projects. |

assistance be required.

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| 3. Please ensure continuous compliance with all applicable public safety & emergency response requirements at the Federal (i.e. NEB, CEPA), Provincial (i.e. TDG, AER Directives D-71, D-56, etc.) and local municipal requirements of Strathcona County. | All oil and gas proposed projects. |
| 4. Please note that all loss of containment releases, spills and fires with or without injury or property damage are reportable to SCES, both as a 9-1-1 call, and an email to fireprevention@strathcona.ca . This includes fire damage to process equipment, fires contained to the lease/property, or fires that may have been suppressed by company personnel. It specifically includes fires suppressed through the use of automated shut-down/suppression systems and when SCES was not called to respond. | All oil and gas proposed projects. |
| 5. Your company should be a member in good standing with a spill response cooperative, with an established record of active participation by multiple employees in spill exercises & training (or equivalent). | All oil and gas proposed projects where named water bodies are crossed by pipelines or where wells/facilities are constructed near to them. |
| 6. A membership with a local mutual aid organization such as SDMAP, NRCAER and EAPUOC is highly recommended. | All oil and gas projects with facilities and pipeline operations. |
| 7. Please consult with SCES regarding the location of Line Block Valves, ESDV's and/or other control measures where pipelines pass high risk areas such as near Urban Service Areas or close proximity to a risk receptor. | All pipelines containing hazardous materials. |
| 8. SCES expects all activities are carried out safely avoiding human factors by adequately trained workers and effective safety management systems. | All oil and gas proposed projects including all sour or sweet oil/gas wells where any amount of H2S is indicated. |
| 9. Completion of an Emergency Operations Centre (EOC) & field deployment exercise (e.g. ICS training) within the preceding twelve calendar months by all personnel involved in the execution of the Emergency Response Plan is recommended. Whenever possible | All oil and gas proposed projects. |

SCES response or emergency management staff should be invited to observe/participate in such exercises.

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| 10. It is recommended that the county's burn information line (780-464-8464) be utilized to determine whether any non-emergency flaring activities are advisable given the weather conditions. | Oil and gas projects including wells and pipelines, where any flaring is indicated. |
| 11. SCES is to be consulted in regard to any proposed burning of trees/brush on the location(s) concerned. If the trees/brush cannot be removed and/or chipped, a site inspection may be required to determine if a burning permit can be issued. Please contact Fire Prevention and Investigation for all related inquiries at fireprevention@strathcona.ca . | Facility expansions, Pipelines, seismic and wells where brush/trees are likely to be cleared. Reference map and FDM map with air photos to determine need. |
| 12. The carrying of fire extinguishment equipment appropriate to the equipment and environment is strongly recommended. Notify 9-1-1 at the earliest possible opportunity in the event of fire or other emergency. | All seismic and pipeline construction. |
| 13. It is recommended that the county's burn information line (780-464-8464) be utilized to determine the period when burning is permitted and correlate any pipeline welding activities accordingly. Establishment of a fire watch with extinguishment equipment/water is recommended. | All pipeline construction. |

Please contact SCES at EmergencyServices@strathcona.ca or 780-467-5216 for any further information.